



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

November 13, 2008

Mr. Gerardo Rios
Chief-Permits Office
USEPA - Region IX
75 Hawthorne Blvd.
San Francisco, CA 94105

Re: Transmittal of Proposed Title V Permit, Imperial Irrigation District, ID 062862

Dear Mr. Rios:

Enclosed is the proposed Title V permit and permit summary for Imperial Irrigation District, ID 062862, located at 51-170 Shady Lane, Coachella, CA 92336. Please note that a public notice with a 30-day public comment period will be published shortly in a county newspaper in accordance with Rule 3006. Also note that EPA's 45-day review period will begin with the receipt of these proposed Title V permits and will end approximately on December 31, 2008.

Questions on the proposed permits should be directed to John Yee of my staff at (909) 396-2531.

Sincerely,

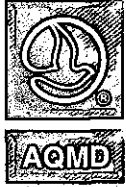
Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Permitting
Engineering and Compliance

Enclosures

cc: William Thompson, Title V Admin, PSUM only

Protecting the air that we breathe



South Coast Air Quality Management District

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November 13, 2008

Mr. Baltazar Aguilera
Plant Superintendent
Niland Gas Turbine Plant
P.O. Box 39
Niland, CA 92257

SUBJECT: Imperial Irrigation District, Facility ID 062862 Initial Title V Permit

Dear Mr. Aguilera:

Enclosed are a copy of the public notice, the proposed Title V permit, and the permit summary for Imperial Irrigation District, ID 062862, located at 51-170 Shady Lane, Coachella, CA 92336. The South Coast Air Quality Management District (AQMD) is replacing the existing operating permits that were previously issued to the facility with new, more comprehensive permits as required by Title V of the federal Clean Air Act. The public notice will be published on the Riverside Enterprise on November 19, 2008. The 30-day public commenting period will expire on December 19, 2008.

If you have any questions concerning this information, please contact Mr. Li Chen at (909) 396-2426/lchen@aqmd.gov.

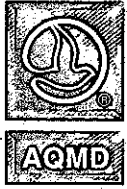
Sincerely,

A handwritten signature in cursive script that reads "Michael D. Mills".

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Permitting
Engineering and Compliance

Enclosures

Clearing the air about our business



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

November 13, 2008

Mr. Miguel Guiltron
Library Manager
Coachella Branch Library
1538 7th St
Coachella, CA 92236

SUBJECT: Imperial Irrigation District, Facility ID 062862 Initial Title V Permit

Dear Mr. Guiltron:

Enclosed are a copy of the public notice, the proposed Title V permit and permit summary for Imperial Irrigation District, ID 062862, located at 51-170 Shady Lane, Coachella, CA 92336. The South Coast Air Quality Management District (AQMD) is replacing the existing operating permits that were previously issued to the facility with new, more comprehensive permits as required by Title V of the federal Clean Air Act. Please make this information available to the public for review in your library for 45 days.

If you have any questions concerning this information, please contact Mr. Li Chen at (909) 396-2426/
lchen@aqmd.gov.

Sincerely,

Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Permitting
Engineering and Compliance

Enclosures

Don't forget to put the permit in the public notice.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178

(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED TITLE V PERMITS

The South Coast Air Quality Management District (AQMD) is replacing the existing operating permits that were previously issued to the facilities listed below with new, more comprehensive permits as required by Title V of the federal Clean Air Act. These are existing facilities applying for an initial Title V permit.

Facility Locations and contact person:

Imperial Irrigation District

51-170 Shady Ln
Coachella, CA 92236
Facility Id# 42775

Contact Person:

Baltazar Aguilera
Superintendent, General Plant
Niland Gas Turbine Plant
P.O. Box 39
Niland, CA 92257

This facility has electric generators that produce electricity.

As required by Title V of the federal Clean Air Act, AQMD will be reissuing existing permits in the form of Title V permits. The Title V permits will contain all of the emissions limits and operating conditions contained in the previous permits and they may require additional monitoring. The new Title V permits will require additional recordkeeping, mandatory reporting of any violations of permit conditions, and annual certifications by the permittees that the facilities are in compliance with the new permits. The permits will be enforceable by the AQMD, the federal government and citizens.

The proposed permits are available for public review at AQMD, 21865 Copley Drive, Diamond Bar, CA, and at the Coachella Branch Library, 1538 7th Street, Coachella, CA. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to AQMD based on credible information, is also available from the AQMD for public review. For more information to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to Mr. Li Chen, Team E, Engineering and Compliance, P.O. Box 4830, Diamond Bar, CA 91765-0830. Comments must be received by December 19, 2008. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request AQMD to conduct a public hearing on the proposed permits by submitting a Hearing Request Form (Form 500-G) to Mr. Michael D. Mills at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permits are not correct or are not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permits. Public hearing request forms and the schedule of public hearings may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the internet at <http://www.aqmd.gov/titlev>. Requests for public hearings shall be made within 15 days of the date of publication of notice. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.

Cleaning the air that we breathe...

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

AQMD Facility ID: 62862		Company Name: IMPERIAL IRRIGATION DISTRICT																							
Equipment Location: 51-170 SHADY LANE, COACHELLA, CA 92236			SIC Code: 4911																						
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:																							
Application #(s): 381208		Application Submittal Date(s): 02/13/2001																							
AQMD Contact Person: LI CHEN		Phone #: (909) 396-2426	E-Mail Address: lchen@aqmd.gov																						
Project Description: This is an existing facility, applying for an initial Title V permit, that produces electricity to the power grid using four peaking gas turbines																									
Permit Type: <input checked="" type="checkbox"/> Initial Title V Permit <input type="checkbox"/> New Facility <input type="checkbox"/> Administrative Revision <input type="checkbox"/> Minor Revision <input type="checkbox"/> Permit Renewal <input type="checkbox"/> De Minimis Significant Revision <input type="checkbox"/> Significant Revision																									
Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____																									
<input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance																									
Toxic Air Contaminant Emissions (TAC) – Annual Reported Emissions for Reporting Year: 2005-2006		<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> The Following TACs Were Reported:																							
		<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: right;">Emissions (lbs/yr):</th> </tr> </thead> <tbody> <tr><td>Ammonia</td><td style="text-align: right;">2,087.8</td></tr> <tr><td>Formaldehyde</td><td style="text-align: right;">84.537</td></tr> <tr><td>Toluene</td><td style="text-align: right;">15.456</td></tr> <tr><td>Xylenes</td><td style="text-align: right;">7.585</td></tr> <tr><td>Propylene oxide</td><td style="text-align: right;">3.432</td></tr> <tr><td>ETHYL BENZENE</td><td style="text-align: right;">3.783</td></tr> <tr><td>Acetaldehyde</td><td style="text-align: right;">5.004</td></tr> <tr><td>Acrolein</td><td style="text-align: right;">0.769</td></tr> <tr><td>Benzene</td><td style="text-align: right;">1.479</td></tr> <tr><td>PAHs</td><td style="text-align: right;">0.280</td></tr> </tbody> </table>			Emissions (lbs/yr):	Ammonia	2,087.8	Formaldehyde	84.537	Toluene	15.456	Xylenes	7.585	Propylene oxide	3.432	ETHYL BENZENE	3.783	Acetaldehyde	5.004	Acrolein	0.769	Benzene	1.479	PAHs	0.280
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Health Risk From Toxic Air Contaminants:		<input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input checked="" type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input type="checkbox"/> Final Facility Health Risk Approved (date) _____ Cancer Risk = _____ in one million Acute Hazard Index = _____ Chronic Hazard Index = _____																							
Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2005-06		<table style="width: 100%; border: none;"> <tbody> <tr> <td><input checked="" type="checkbox"/> NOx</td> <td>19.5</td> <td><input checked="" type="checkbox"/> PM</td> <td>0.43</td> </tr> <tr> <td><input checked="" type="checkbox"/> CO</td> <td>4.99</td> <td><input checked="" type="checkbox"/> SOx</td> <td>0.20</td> </tr> <tr> <td><input checked="" type="checkbox"/> VOC</td> <td>0.12</td> <td><input type="checkbox"/> Other:</td> <td>_____</td> </tr> </tbody> </table>		<input checked="" type="checkbox"/> NOx	19.5	<input checked="" type="checkbox"/> PM	0.43	<input checked="" type="checkbox"/> CO	4.99	<input checked="" type="checkbox"/> SOx	0.20	<input checked="" type="checkbox"/> VOC	0.12	<input type="checkbox"/> Other:	_____										
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Compliance History: <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (0) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (0) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (0)																									
Comments:																									

FACILITY PERMIT TO OPERATE

**IMPERIAL IRRIGATION DISTRICT/ COACHELLA
51-170 SHADY LN
COACHELLA, CA 92236**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

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Section	Description	Revision #	Date Issued
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C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	11/13/2008
E	Administrative Conditions	DRAFT	11/13/2008
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	11/13/2008
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	11/13/2008
H	Permit To Construct and Temporary Permit to Operate	DRAFT	11/13/2008
I	Compliance Plans & Schedules	DRAFT	11/13/2008
J	Air Toxics	DRAFT	11/13/2008
K	Title V Administration	DRAFT	11/13/2008
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A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	11/13/2008
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FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: IMPERIAL IRRIGATION DISTRICT/ COACHELLA

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 51-170 SHADY LN
COACHELLA, CA 92236

MAILING ADDRESS: 485 E VILLA AVE
EL CENTRO, CA 92243

RESPONSIBLE OFFICIAL: HENRYK A. OLSTOWSKI, P.E.

TITLE: ASSISTANT MANAGER, ENERGY

TELEPHONE NUMBER: (760) 339-0517

CONTACT PERSON: BALTAZAR AGUILERA

TITLE: GENERATION PLANT, SUPERINTENDENT

TELEPHONE NUMBER: (760) 480-3337

TITLE V PERMIT ISSUED: November 13, 2008

TITLE V PERMIT EXPIRATION DATE: November 12, 2013

TITLE V		RECLAIM	
YES	NOx:	NO	
	SOx:	NO	
	CYCLE:	0	
	ZONE:	INLAND	

**FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

SECTION B: RECLAIM Annual Emission Allocation

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

**FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[illegible]

- | | |
|---|---|
| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor</p> <p>(3) Denotes RECLAIM concentration limit</p> <p>(5)(5A)(5B) Denotes command and control emission limit</p> <p>(7) Denotes NSR applicability limit</p> <p>(9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate</p> <p>(4) Denotes BACT emission limit</p> <p>(6) Denotes air toxic control rule limit</p> <p>(8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)</p> <p>(10) See Section J for NESHAP/MACT requirements</p> |
|---|---|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[illegible]

- | | |
|---|---|
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|---|---|

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : POWER GENERATION					
System 1 : FUEL OIL STORAGE					
STORAGE TANK, FIXED ROOF, NO. 1, DIESEL FUEL, 630000 GALS; DIAMETER: 90 FT; HEIGHT: 14 FT A/N: 175229	D5				
STORAGE TANK, FIXED ROOF, NO. 2, DIESEL FUEL, WITH ONE PRESSURE VACUUM RELIEF VALVE, 630000 GALS; DIAMETER: 90 FT; HEIGHT: 14 FT A/N: 253815	D6				B22.1
Process 2 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E11			VOC: (9) [RULE 1171,11-7- 2003;RULE 1171,2-4-2008]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E12			VOC: (9) [RULE 1113,11-8- 1996;RULE 1113,7-13-2007;RULE 1171,11-7-2003;RULE 1171,2-4- 2008]	K67.1

- * (1)(1A)(1B) Denotes RECLAIM emission factor
(3) Denotes RECLAIM concentration limit
(5)(5A)(5B) Denotes command and control emission limit
(7) Denotes NSR applicability limit
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(4) Denotes BACT emission limit
(6) Denotes air toxic control rule limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
(10) See Section J for NESHAP/MACT requirements
- ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D2	1	1	0
D3	2	1	0
D4	2	1	0
D5	3	1	1
D6	3	1	1
E11	3	2	0
E12	3	2	0

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F14.1 The operator shall not burn diesel fuel containing sulfur compounds in excess of 0.05 percent by weight.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 9-15-2000]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B22.1 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.5 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D6]

B75.1 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

Natural gas curtailment

Emergency

Regulatory and maintenance testing not for the purpose of electricity generation

[H&S 44300, 7-1-1988]

[Devices subject to this condition : D1, D2, D3, D4]

C. Throughput or Operating Parameter Limits

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C1.1 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

The purpose(s) of this condition is to ensure exemption from Rule 1134. However, if the hour per year limit is exceeded, the exemption shall be automatically and permanently withdrawn. The operator of the turbine must notify the Executive Officer within 7 days of the exceedence. Within 30 days after exceedence, the operator must submit a permit application for modification to the equipment to meet the applicable requirements within 24 months after exceedence.

[RULE 1134, 8-8-1997]

[Devices subject to this condition : D1, D2, D3, D4]

D. Monitoring/Testing Requirements

- D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the gas turbine.

[RULE 1134, 8-8-1997]

[Devices subject to this condition : D1, D2, D3, D4]

- D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted only if the equipment is fired on fuel oil during the life of the permit.

The test shall be conducted at least once during the life of the permit.

The test shall be conducted to determine the PM10 emissions at the outlet.

The test shall be conducted to demonstrate compliance with Rule 475.

Source test shall be conducted when this equipment is using fuel oil.

The test shall be conducted to determine the PM emissions using District method 5.1.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1, D2, D3, D4]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment on an annual basis whenever this equipment is fired on fuel oil for training/testing purposes; and after every 400 cumulative hours of operation on diesel fuel or after every two million gallons of diesel fuel combusted, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1, D2, D3, D4]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D372.1 The operator shall determine compliance with the particulate matter (PM) emission limit by conducting a source test at the outlet of the exhaust stack annually using AQMD Method 5.1. Each test shall include:

- (a) One test using natural gas operating at minimum load under normal operating conditions, if natural gas is burned more than 120 consecutive hours or 200 hours accumulated over any 12 consecutive months. The test shall be conducted no later than six months after the time limit has been exceeded;
- (b) One test using natural gas operating at maximum load under normal operating conditions, if natural gas is burned more than 120 consecutive hours or 200 hours accumulated over any 12 consecutive months. The test shall be conducted no later than six months after the time limit has been exceeded;
- (c) One test using fuel oil operating at maximum load under normal operating conditions, if fuel oil is burned more than 120 consecutive hours or 200 hours accumulated over any twelve consecutive months. The test shall be conducted no later than six months after the time limit has been exceeded.

The annual source test frequency will be reduced to at least once every five years for each fuel type under the highest emitting load if three consecutive annual tests show compliance with either the concentration limit or the mass emission limit.

No test shall be required in any one year for which the equipment is not in operation.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1, D2, D3, D4]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Sulfur compounds	District Rule	431.1

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D1, D2, D3, D4]

K. Record Keeping/Reporting

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E12]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION E: ADMINISTRATIVE CONDITIONS

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]
 - f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream)

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION E: ADMINISTRATIVE CONDITIONS

- e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which the test was performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream)
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

**FACILITY PERMIT TO OPERATE
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SECTION F: RECLAIM Monitoring and Source Testing Requirements

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
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SECTION G: Recordkeeping and Reporting Requirements for RECLAIM Sources

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

**FACILITY PERMIT TO OPERATE
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SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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SECTION J: AIR TOXICS

NOT APPLICABLE

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]
- (B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
 - (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION K: TITLE V Administration

- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
- (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:

- (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
- (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION K: TITLE V Administration

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

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SECTION K: TITLE V Administration

commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

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SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

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SECTION K: TITLE V Administration

- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
 - (B) The compliance status during the reporting period;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used to determine compliance over the reporting period and currently, and
 - (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

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SECTION K: TITLE V Administration

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1134	8-8-1997	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	2-1-2008	Non federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
H&S 44300	7-1-1988	Non federally enforceable
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable

**FACILITY PERMIT TO OPERATE
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**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

NONE

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water And Less Exempt Compounds**

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250					100	
Graphic Arts (Sign) Coatings	500						50
Industrial Maintenance							

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550			
Pre-Treatment Wash Primers	780				275	
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]**

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		
Nonflat High Gloss	250		150				50	

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

FACILITY PERMIT TO OPERATE
IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-13-2007]

TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)

**FACILITY PERMIT TO OPERATE
 IMPERIAL IRRIGATION DISTRICT/ COACHELLA**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 11-7-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		

FACILITY PERMIT TO OPERATE IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		

FACILITY PERMIT TO OPERATE

IMPERIAL IRRIGATION DISTRICT/ COACHELLA

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.